



Payload 3 Daily Flight Report



Date: 2020-07-30

Flight Campaign ID: P3C1

Airport, FBO ID, City: Rhinelander-Oneida County Aiport (KRHI) - Rhinelander, WI

Domain: 05 (Great Lakes)

Sites Flown: STEI_TREE_P1 (Steigerwaldt Land Services and Treehaven Priority 1)

Days left in Domain: 19

Report Author: Mitch Haynes

Lidar Operators: Mitch Haynes

Flight Hours: 00:10

Spectrometer Operators: Cameron Chapman

Hours until maintenance: 53.75

Pilots: Micah Hooegeveen, Lane Taylor

GPS Instruments: WISCORS-RHER

Ground Crew: Elissa Barris

Summary

Skies looked promising enough for another short collect this morning, however cumulus clouds forming between engine starts and getting airborne limited the flight to a very short go around without any data being collected.

Concerns

- Hotel Kit lost internet during yesterday’s extraction. QA results were emailed out this morning for yesterday’s flight.

Comments

- Andrew worked with the crew to troubleshoot and fix the temperature and pressure sensor display.

Daily Coverage

None

Cumulative Domain Coverage

D05|CHEQ (Chequamegon-Nicolet National Forest)

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
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Flown: 0% (0/16)

Green: 0% (0/16)

Yellow: 0% (0/16)

Red: 0% (0/16)

D05|LIRO (Little Rock Lake)

2	3	4	5	6	7	8
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Flown: 0% (0/7)

Green: 0% (0/7)

Yellow: 0% (0/7)

Red: 0% (0/7)

D05|STEI_TREE_P1 (Steigerwaldt Land Services and Treehaven Priority 1)

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
22	23	24	25	26																

Flown: 36% (9/25)

Green: 36% (9/25)

Yellow: 0% (0/25)
 Red: 0% (0/25)

D05 | STEI_TREE_P2 (Steigerwaldt Land Services and Treehaven Priority 2)

27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
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Flown: 0% (0/18)
 Green: 0% (0/18)
 Yellow: 0% (0/18)
 Red: 0% (0/18)

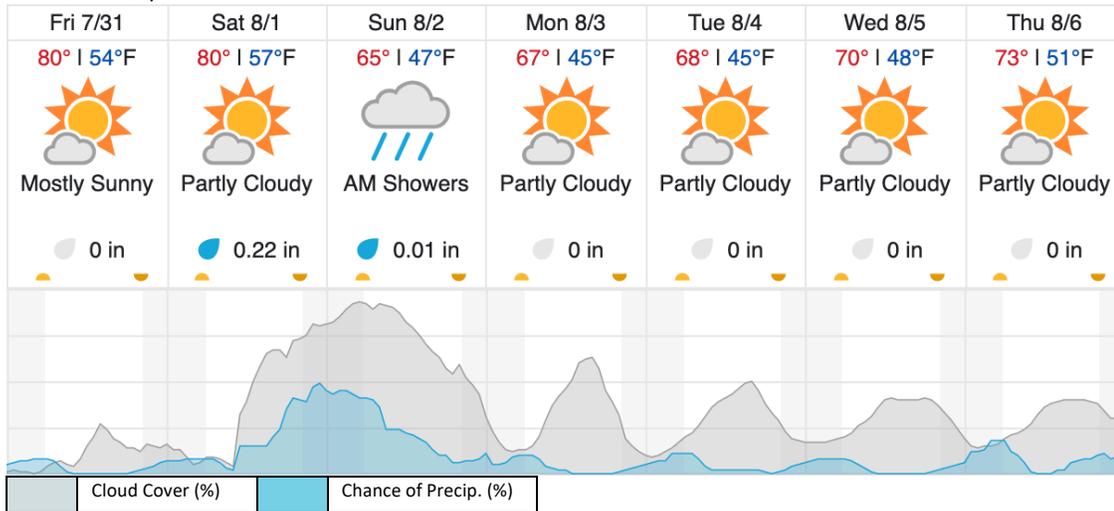
D05 | UNDE (University of Notre Dame Environmental Research Center)

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
22	23	24	25	26	27	28	29												

Flown: 0% (0/28)
 Green: 0% (0/28)
 Yellow: 0% (0/28)
 Red: 0% (0/28)

Weather Forecast

Rhineland, WI



Flight Collection Plan for 31 July 2020

Flyority 1

Collection Area: Steigerwaldt Land Services (STEI) – Treehaven (TREE)
 Flight Plan Name: D05_STEI_TREE_R1_P1_v3_Q780
 On-station Time: 0940 L / 1440 UTC

Flyority 2

Collection Area: UNDERC (UNDE)
 Flight Plan Name: D05_UNDE_C1_P1_v2_Q780
 On-station Time: 0940 L / 1440 UTC

Flyority 3

Collection Area: Chequamegon-Nicolet National Forest (CHEQ)
 Flight Plan Name: D05_CHEQ_R2_P1_v3_Q780
 On-station Time: 0940 L / 1440 UTC

Crew: Cameron Chapman (Lidar), Elissa Barris (NIS), Mitch Haynes (Ground/GPS)